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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/815,955 | 04/02/2004 | Ik-Hyeon Kwon | 4518-2 | 8925 |
| 23117 7590 12/30/2008 NIXON & VANDERHYE, PC 901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VA 22203 | | | | |
| EXAMINER | | | | |
| MAKI, STEVEN D | | | | |
| ART UNIT | | PAPER NUMBER | | |
| 1791 | | | | |
| MAIL DATE | | DELIVERY MODE | | |
| 12/30/2008 | | PAPER | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Attachment

new issues

In claim 3, the new issues include (1) changing "a bobbin having a circumferential surface" to --a bobbin hollow bobbins on which the raw cord is wound and which bobbins have circumferential surface-- and (2) deleting the step of --winding the raw cord on a hollow cylindrical bobbin axis--.

remarks

Applicant argues that Clifford, which deals with an apparatus for dying yarn using a dye liquor, is non-analogous art because Clifford would not be the type of document that would be consulted by one having ordinary skill in the art of preparing cross-linked polyvinyl alcohol cord/fibers. This argument is not persuasive. Iwasaki et al and Clifford et al both teach treating fibers with liquid using a bath. Iwasaki et al treats polyvinyl alcohol fiber yarn or fiber cord with a liquid comprising crosslinking agent and solvent. Clifford et al treats fiber yarn with a liquid such as dyeliquor. Both Iwasaki et al and Clifford et al treat the fibers using a bath. Given the problem of treating fibers using a bath, one of ordinary skill in the art would look to prior art such as Clifford et al which teaches how to treat fibers using a bath. One of ordinary skill in the art would have been motivated to treat Iwasaki et al's fiber yarn / cord using a bath as per the teachings of Clifford et al since Clifford teaches treating fibers of yarn with liquid as shown in figure 1 in order to evenly treat the fibers so as to obtain optimum evenness of application.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven D. Maki whose telephone number is (571) 272-1221. The examiner can normally be reached on Mon. - Fri. 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Crispino can be reached on (571) 272-1226. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Steven D. Maki/
Primary Examiner, Art Unit 1791

Steven D. Maki
December 29, 2008